

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A video recording method comprising:
receiving a video signal or an audio signal;
encoding received the video signal or the audio signal into a predetermined form; and
operating if two consecutive recording operations are set, ~~to record the two recording operations so as to record a period from the start of the earlier first recording to the end of the succeeding second recording as one recording operation, and to record an identifier that can identify the first recording and the second recording to manage the end of the first recording and the start of the second recording~~ in the reservation information retaining means, comparing the recording conditions for the two recording operations, and if of the recording conditions, a condition (channel) for an input to the input means differs between the two recording operations, pausing the recording when the earlier recording is ended, and when the condition for the input to the input means changes, starting the second reading after recording an identifier that can identify the earlier first recording and the succeeding second recording, in a predetermined area of the recording medium.
2. (Original) A video recording method according to claim 1, wherein
in-the recording, if two consecutive recording operations are set in the reservation information, the recording when a first recording is ended, and starting a second recording with an identifier that can identify the first recording and the second recording.
3. (Original) A video recording method according to claim 1, wherein
the identifier is an entry point indicative of a position of a start time of the second recording for titles consecutively recorded from a period from the start time of the first recording and the end time of the second recording.

4. (Original) A video recording method according to claim 1, wherein the identifier includes the management information signal and encoded signal for identifying the first recording and the second recording, and recorded on a predetermined area in the recording medium.
5. (Original) A video recording method according to claim 1, wherein when recording the received and encoded signal in the recording medium together with the identifier, retaining the signal and information using reservation information for retaining a start and end of recording in the recording medium executed by the recording means as well as recording conditions.
6. (Original) A video recording method according to claim 5, wherein if two consecutive recording operations are set, the file management information to be recorded in a predetermined area of the recording medium for each recording.
7. (Original) A video recording method according to claim 5, wherein the file management information includes at least one of a recording start position information and recording end position information.
8. (Original) A video recording method according to claim 5, wherein the file management information includes virtual positional information referring only to a required to be recorded in a predetermined area of the recording medium for each recording.
9. (Original) A video recording method according to claim 5, wherein if recording has been executed for a period contained in the reservation information of the second recording since the start time contained in the reservation information for the first recording, then after the recording, a first play list referring to a reservation section for the first recording and a second play list referring to a reservation section for the second recording are created.

10. (Original) A video recording method according to claim 5, wherein
operating if two consecutive recording operations are set, to start the second recording
after the first recording has been ended, while recording an identifier that can identify the earlier
first recording and the succeeding second recording, so that the two recording operations
maintain the same recording conditions and operations for the conditions.

11. (Original) A video recording method according to claim 10, wherein
operating if two consecutive recording operations are set, to start the second recording
after the first recording has been ended, while maintaining the recording means in a recording
state.

12. (Original) A video recording method according to claim 5, wherein
operating if the two recording operations have the same recording conditions, to start a
second recording after a first recording has been ended, while recording an identifier that can
identify the first recording and the second recording, in a predetermined recording position.

13. (Original) A video recording method according to claim 5, wherein
in the recording, if two consecutive recording operations are set in the reservation
information, comparing the recording conditions for the two recording operations, and if of the
recording channel conditions for the signal each receive differs between the two recording
operations each other, pausing the recording when the earlier recording is ended, and starting the
second reading after recording an identifier that can identify the earlier recording and the
succeeding second recording.

14. (Currently Amended) A video recording and reproducing apparatus comprising:
a signal receiving section which converts a video signal or an audio signal;
an encode section which encodes the signal received by the signal receiving section into a
predetermined form;
a recording device which records the encoded signal encoded by the encode section and a
management information signal for the encoded signal, in a recording medium;

a reproducing device which reproduces a video signal or an audio signal on the basis of the encoded signal and the management information signal for the encoded signal which are recorded in the recording medium;

a recording reservation information retaining device which retains recording reservation information including a start and end of recording of the video or the audio signal as well as recording conditions in the recording medium which recording is executed by the recording device; and

a recording control device which operates if ~~a first and second pieces of recording reservation information in which a recording end time and a recording start time, respectively, that are consecutive are set, to start second recording based on the second piece of recording reservation information and including recording of an identifier that can identify the first recording and the second recording after first recording based on the first piece of recording reservation information has been ended~~ two consecutive recording operations are set in the recording reservation information retaining device, to compare the recording conditions for the two recording operations, and if of the recording conditions, a condition for an input to the signal receiving section differs between the two recording operations, to pause the recording when the earlier recording is ended, and when the condition for the input to the signal receiving section, to start the second reading while recording an identifier that can identify the earlier first recording and the succeeding second recording, in a predetermined recording position.

15. (Currently Amended) A video recording ~~method~~ apparatus according to claim 14, wherein

the identifier is an entry point indicative of a position of a start time of the second recording for titles consecutively recorded from a period from the start time of the first recording and the end time of the second recording.

16. (Currently Amended) A video recording ~~method~~ apparatus according to claim 14, wherein

the identifier includes the management information signal and encoded signal for identifying the first recording and the second recording, and recorded on a predetermined area in the recording medium.

17. (Currently Amended) A video recording and reproducing apparatus comprising:
a signal receiving section which converts a video signal or an audio signal;
an encode section which encodes the signal received by the signal receiving section into a predetermined form;

a recording device which records the encoded signal encoded by the encode section and a management information signal for the encoded signal, in a recording medium;

a recording medium managing device which controls recording of the management information signal and the encoded signal in the recording medium which recording is executed by the recording device;

a reproducing device which reproduces a video or an audio signal on the basis of the encoded signal and the management information signal for the encoded signal which are recorded in the recording medium;

a recording reservation information retaining device which retains recording reservation information including a start and end of recording of the video or the audio signal as well as recording conditions in the recording medium which recording is executed by the recording device; and

a recording control device which operates if ~~a first and second pieces of recording reservation information in which a recording end time and a recording start time, respectively, that are consecutive are set; to start second recording based on the second piece of recording reservation information after first recording based on the first piece of recording reservation information has been ended~~ two consecutive recording operations are set in the recording reservation information retaining device, to compare the recording conditions for the two recording operations, and if of the recording conditions, a condition for an input to the signal receiving section differs between the two recording operations, to pause the recording when the earlier recording is ended, and when the condition for the input to the signal receiving section, to start the second reading while recording an identifier that can identify the earlier first recording

and the succeeding second recording, in a predetermined recording position, and to record an information signal indicative of the end of the first recording and the start of the succeeding second recording, in an information recording section of the management information signal recorded by the recording medium managing device in the recording medium.

18. (Original) A video recording and reproducing apparatus according to claim 17, wherein

the recording control device operating if two consecutive recording operations are set in the reservation information retaining means, to record the two recording operations so as to record a period from the start of the earlier first recording to the end of the succeeding second recording as one recording operation, and to record an identifier that can identify the first recording and the second recording to manage the end of the first recording and the start of the second recording, in a predetermined area of the recording medium through the recording medium control means.

19. (Original) A video recording and reproducing apparatus according to claim 17, wherein

the recording control device operating if two consecutive recording operations are set in the reservation information retaining means, to start the second recording after the first recording has been ended, while recording an identifier that can identify the earlier first recording and the succeeding second recording, so that the two recording operations maintain the same recording conditions and operations for the conditions.

20. (Original) A video recording and reproducing apparatus according to claim 17, wherein

the recording control device operating when in the recording, if two consecutive recording operations are set in the reservation information, comparing the recording conditions for the two recording operations, and if of the recording channel conditions for the signal each receive differs between the two recording operations each other, pausing the recording when the

earlier recording is ended, and starting the second reading after recording an identifier that can identify the earlier recording and the succeeding second recording.